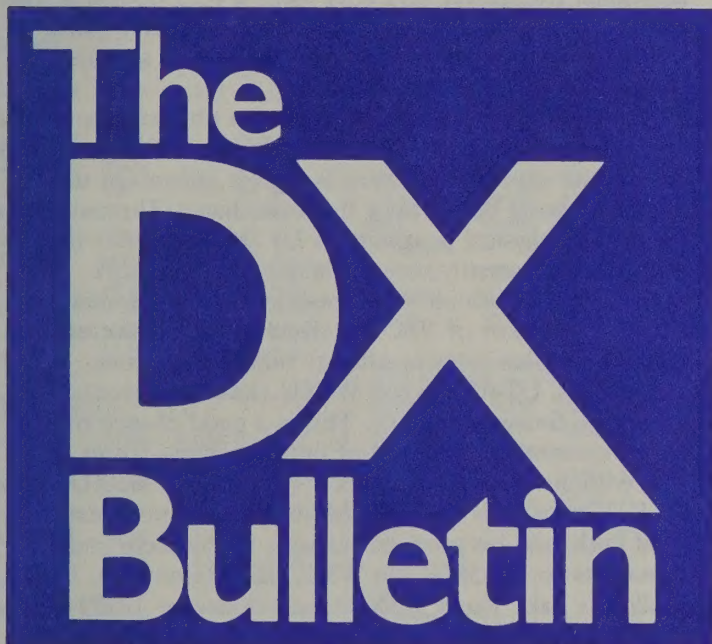


Pacific - V6 V7 T30 Erik Sjolund SM0AGD and his wife Eva SM0OTG will operate from Micronesia (V63ES), Marshall Islands V7, and Western Kiribati T30 Dec. 17-Jan. 3. Callsigns and exact schedule not known. Erik will concentrate on CW, both on the new bands, and at the bottom of 40 and 80 meters 06-0700Z, especially looking for Europe. QSL SM0AGD, Ormbergsv 17, S-19300 Sigtuna, Sweden. Micronesia: sunrise 2330Z, sunset 0815Z; Marshall Islands: sunrise 1940Z, sunset 0805Z; Western Kiribati: sunrise 1830Z, sunset 0620Z. (Erik and Eva will visit Nauru C2, but Erik was not able to get permission to operate the C21NI club station, nor to get temporary operating permission.)

Antigua - V2 Isao Numaguchi JH1ROJ will operate V2/ (or perhaps with a V2 call) Dec. 23-28, on the usual DX frequencies. QSL to home call: 4-9-31, Naka-Aoki, Kawaguchi, Saitama 332, Japan.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Saint Martin - FS Laurent F6GOX is active as FJ5BL from St. Barthelemy (NA-146) to Jan. 13. All bands, including the new bands; try 10110, 18080, and 24900 kHz on CW, and 18130 and 24950 kHz on SSB. He will try to operate from Tintamarre I. Dec. 14-15 or 21-22, on 14195/260, 21260/295, or 28460/495 kHz. (LNDX.) This does **not** count separately for IOTA.

Providencia - HK0 DF4UW will operate HK0/ (NA-049) Jan. 6-18. Try 7062, 14160, 21260, and 28620 kHz. He'll operate HK3/ Jan. 23-28. QSL to W. Günther DF4UW, Maximilianstr. 77, WD-7570, Baden-Baden Germany. (DX-NL.)

December 13, 1991

Issue 617

Shortly Noted

- **TO5TRT** will be active Dec. 14-15 by FE1LVL, marking the start of the 1992 Winter Olympic Torch run through France. The call will be active again Feb. 8-9, when the Torch arrives in Albeville. 160-15 meters, CW and SSB. (LNDX.)
- **C9RZZ** is often on 14250 kHz at 1545Z. QSL to Kjell Grahns SM7DZZ, Svalortsv 64, S-24021 Loddekopine, Sweden.
- **VS6/WA6TJM** spends the second or third week of each month in Hong Kong. Try 10, 15, and 20-meter SSB, with some CW. QSL home call.
- **VA1S** is now active from Nova Scotia, Canada, celebrating the 89th anniversary of Marconi's trans-Atlantic success. Try 28 475-495 at 18-2000Z, especially weekends, and 7015 kHz at 0120Z. QSL VE1AL.
- **Pacific: OK-DXPress** reports that Hans DF2UU, Helge DJ1WM, Dieter DL1SDN, and Karl-Heinz DL4FP start a multi-country Pacific tour Dec. 26th. Watch 1824, 3501, 7001, 10101, 14001, 18101, 21001, 24901, 28001, and 50001 kHz on CW, and 1835, 3785, 7045, 14145, 14185, 18145, 21245, 24945, 28445, 28485, and 50145 kHz on SSB.
- **160 Meters:** the new subband in Yugoslavia is 1850-1915 kHz, 50 watts maximum, CW and SSB, for operator classes A and B. This is in addition to the former subband of 1810-1850 kHz, CW only, 300 watts, Class A only.
- **OT2** prefixes may be used by club stations in Belgium in 1992, for contests and special events.
- **RT1U** will be the 1992 contest call of the KICAE Radio Club; QSL via UT4UXW, P. O. Box 785/1, Kiev 252058, Ukraine.
- **RT9U** is the 1992 contest call of Jerry Onipko UT4UZ; same QSL address as for RT1U.
- **SSB Net check-ins:** **14160** kHz (2100Z): TL8IM OX3KM Z21HD; **14227** (11, 22Z): 9M2HB TL8IM V85XO JW1UW KC4AAA S79KMB OX3LW 9M8FH 5N4SBG; **14236:** T32LN T30A; **14256** (2330Z): VP8CFM (South Orkneys) 3B9FR 8R1UN XQ0X EL3HW 9N1MM FT4WC TT8SA; **21313** (18Z): ZD7AY 5R8JS; **21335** (15Z): 3B9FR CN2AQ UD850DR 3A2LU C31LHK; **28510** (14Z): FT4WC J28RQ FR5EL C31LHK.
- **Islands On The Air: I5DCE** will be in the Caribbean area until early February, and will try to activate some islands for IOTA. **P29KDE** is active from Manus Island (OC-025). Try 28480 and 21180-190 kHz. QSL to Box 5, Lorengau, Manus, Papua-New Guinea.
- **RTTY** report: Regulars: **FG4FI** 14084 kHz at 2230Z; **PZ1BS** 14083 0030Z. Spots: **UO5OT** 14090 kHz at 1000Z; **HI8AX** 28083 1835Z; **LY2BH** 21086 1700Z; **EA8ATE** 14086 0800Z; **TA5C** 14090 1600Z; and **UH8EA** 21093 1335Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
December 1991	Date Flux A K	Date Flux A K
13 Low Normal	11/16 166 23/22 3	10/18 158 15/11 2
14 Low Normal	11/17 165 16/16 3	10/19 154 09/09 2
15 Below Normal	11/18 163 25/27 4	10/20 157 18/20 3
16 Disturbed	11/19 158 41/44 5	10/21 168 17/23 3
17 Low Normal	11/20 153 11/16 2	10/22 185 20/20 3
18 Disturbed	11/21 145 37/48 4	10/23 194 15/18 4
19 Disturbed	11/22 139 33/45 3	10/24 231 18/18 3
20 Low Normal	11/23 136 18/25 2	10/25 240 22/28 3
21 High Normal	11/24 131 14/13 3	10/26 251 22/27 4
22 High Normal	11/25 134 10/09 2	10/27 249 37/38 3
23 High Normal	11/26 144 06/09 1	10/28 271 98/77 5
24 High Normal	11/27 153 05/08 1	10/29 272 100/97 5
25 High Normal	11/28 155 07/09 2	10/30 262 16/24 4
26 High Normal	11/29 161 13/12 2	10/31 232 37/40 4

Propagation Watch

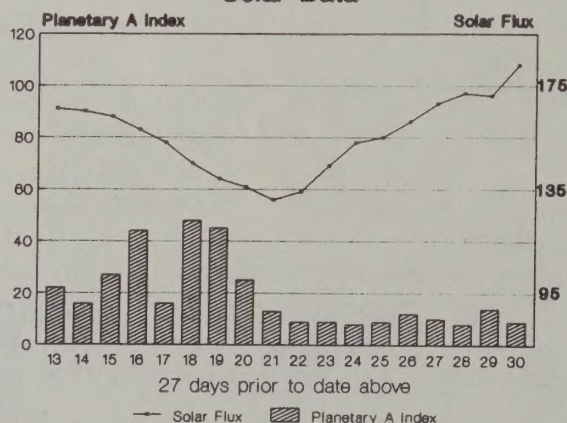
The propagation gods have been kind to DXers recently. Although solar flux has been relatively low, the geomagnetic field has been exceptionally quiet. This has given DXers good or better band conditions on most paths.

DXers should get used to lower flux levels; Sunspot Cycle 22 is definitely winding down, and we'll see declining solar activity over the next few years. However, even with the relatively low solar flux levels of recent weeks, propagation on the higher bands has been good. The 90-day mean flux value is still around 185, sufficiently high to keep 10 and 12 meters open most of the day.

The quiet geomagnetic field has given polar and long paths back to the DXer. Propagation on the low bands has also improved dramatically. The pre-dawn opening on 40 meters (and 30 meters) has been particularly productive.

DXers should make the most of the good conditions, as the more active side of the sun is rotating in our direction. Sunspot Region 6961 has produced several M-class (mid-level) flares, and may continue to do so, as it is still growing and increasing in magnetic complexity. The coronal holes that have disrupted the bands the past two months are also rotating in our direction this week; be prepared for increased geomagnetic activity. Meanwhile, when the K index is low, spend some extra time on 40 and 80 meters.

Solar Data



Soviet Afghanistan DXpedition

Soviet hams are planning a major DXpedition to Afghanistan in February-March, 1992. A license, authorizing use of the call YA5MM, has already been obtained. Operation will include participation in the 1992 ARRL CW Contest and two to three weeks of intense activity on the bands, with 25,000 projected QSOs. There will be USA and European QSL managers. A stay of this duration will allow the operators to give particular emphasis to North American QSO's without slighting other closer geographic areas such as Europe and East Asia.

The primary organizers at this point are noted DXer/Contesters UT4UX and UJ8JMM. Others will be involved (with proportionate increases in projected QSOs) as finances permit.

The proposed site (Mazari Sharif City) is only 50 miles from the UJ border, keeping transport costs low. However, it is necessary to project for lodging, food, and "protection" (the major item—the reader can draw his own inferences) for the team.

It will also be necessary to have equipment—one additional transceiver (UT4UX owns a IC-735) and a tri-bander. There is at present a 50% chance that UJ8JMM will be going to North Korea later in 1992. If so, this equipment will go there as well.

Not counting the equipment, the projected cost for 2 operators is approximately \$9,000, about \$3,000 of which is needed pre-expedition. There is a great advantage to this operation being undertaken by Soviet hams. The most notable are the physical proximity to UJ and the ability of UJ8JMM (apparently very prominent in the Tadjik community) to fashion this expedition to a predominantly ethnic Tadjik part of YA. The disadvantage, however, is that the Russian ruble is without value in YA land.

Thus, UT4UX asked W3XU (and he agreed) to try to put the finances in place. This is a good chance to support something unheard of until recently—Soviet DXpeditions. These operators are top-notch. W3XU knows UT4UX personally and says he vouches for his decency, good faith, and his great enthusiasm for amateur radio. Donations to: YA5MM c/o W3XU Bill Remington, 1078 Shallcross Lake Road, Middletown, Delaware 19709 USA. (In the event the expedition does not materialize, contributions will, of course, be returned.)

Operating Events and DX Gatherings

Dates Event	Reference:	
Dec. 14-15	ARRL 10-Meter Contest	<u>QST</u>
Jan. 4-5, 1992	ARRL RTTY Roundup	<u>QST</u>
Jan. 24-26	CQWW 160-Meter CW Test	<u>CQ</u>
Feb. 15-16	ARRL CW DX test	<u>QST</u>
Mar. 7-8	ARRL SSB DX test	<u>QST</u>
Mar. 28-29	WPX SSB Test	<u>CQ</u>

Publishing Notes

There will be no Issue dated Dec. 27th, so that your editor and his staff may enjoy the holidays with our families. Issue 619 will be dated Jan. 4, 1992, and mailed Dec. 31, 1991. That Issue, and subsequent Issues, will be mailed in envelopes, to reduce shredding of Issues.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

RTTY

3B8CF	14083	0325	30	CA
5N0ETP	14084	2120	28	OH
PZ1BS	14084	0028	6	FL
RA0FS	28083	0005	1	CA
TA5C	28090	1509	1	FL
TZ6VV	28089	1625	30	CA
UA0KZ	21090	0105	3	CA
UC2ADX	28098	1417	1	FL
UH8EA	14087	0300	21	OH

160 Meters

CT1AOZ	1834	0012	6	FL
HB9FAF	1836	0611	29	WV
HP3FL	1830	0323	2	AL
ON4UN	1835	0540	27	TX

80 Meters

6W6JX	3506	0705	28	IA
9M2AX	3503	1435	30	CA
HI8A	3503	2302	26	NB
HZ1AB *	3507	1408	1	CA
J5AUA	3508	2137	30	MA
JA1CGM	3505	1045	28	NH
JF6DPM	3506	1134	28	NB
JT1CO	3507	1435	23	CA
RA0FA	3504	1145	28	NH
SV0DU/9	3507	0500	28	IA
TU4XM	3501	2220	28	NH
UA0FZ	3501	0640	1	CA
UL7JW *	3508	1417	21	CA
UZ2FWA	3500	0049	1	CA
VS6WO	3506	1442	23	CA

75 Meters

A92BE	3786	0103	1	MD
CR9FF	3798	0620	28	IL
HH2PK	3795	0326	27	VA
HZ1AB	3799	1512	1	OR
LZ2VU *	3799	1438	1	CA
OY9JD	3794	1518	1	OR
P29DX	3795	1435	30	CA
VK6LK *	3798	2110	30	MA

40 Meters

1A0KM	7011	2340	6	FL
3X0HNU	7020	0740	2	OR
3X0HNU	7005	1940	22	NB
4K1ADQ	7004	0420	6	OR
4K2MAL	7009	0320	1	IA
4S7/	7003	1510	4	OR
JJ1VVL				
9M2AX	7002	2330	30	NY
A22BW	7005	1535	1	OR
BV2FA	7006	1405	1	IA
EA6NB	7003	0500	28	GA
ES1QD	7008	0357	1	SC
HC5AI	7004	0320	27	WY
HF0POL	7009	0440	29	IA
JW/UW1ZC	7002	0022	3	FL
OX3XR	7005	0407	1	MT
OY1CT	7001	0202	5	PA
P29DX	7179	0728	30	CA
TA3D	7006	0216	7	FL
TR8XX	7023	0532	1	MT
UA0XAO	7003	0720	3	OR
UD6DFF	7003	2355	6	FL

UH8EA	7004	0020	2	NY
UI8AA	7003	0027	1	SC
UJ8JI	7003	1127	3	FL
UM0MO	7006	0012	1	WV
UM0MO	7006	1157	3	FL
UZ2FWA	7000	1500	4	OR
VR6BX	7184	0700	5	OR
Y88POL	7010	2355	29	IA
Z21HS	7002	0350	1	SC
ZA1TAD	7004	2352	6	FL
ZD8OK	7003	0606	2	CA

30 Meters

3DA0BK	10104	0333	4	PA
4U1UN	10107	2304	4	CT
5N0SKO	10106	0344	30	SC
7P8SR	10107	0353	5	PA
9J2HN	10108	0355	30	SC
FS4PL	10104	0155	5	PA
HC7SK	10104	0225	26	VA
HF0POL	10101	0348	2	WV
HZ1AB	10102	1335	1	NY
J5AUA	10108	2231	30	SC
JW/UW1ZC	10107	0100	1	FL
PZ1DV	10102	2325	5	PA
SV0DV/9	10106	0100	5	GA
TA2AO	10104	0325	27	GA
VK6HD *	10102	1207	28	WV
VK6RZ *	10101	2242	30	SC
VS6AI	10106	1130	4	GA
YA/	10106	2205	3	FL
OK1IAI				
ZA1TAE	10103	2343	5	PA
ZP6CW	10102	0441	3	CT
ZS9S	10110	0414	4	PA

20 Meter CW

3B3DA	14038	0252	3	FL
3B8FG	14011	0255	3	FL
4K1ADQ	14015	0119	27	NC
4K1B *	14003	1932	1	SC
4S7CF	14008	0156	7	FL
4S7WP *	14002	0100	27	CA
7Q7LA	14005	2340	1	NY
9K2MU	14034	0047	6	FL
9M2FK	14017	1121	1	VA
9M2FR	14020	2219	29	MN
9M2FR *	14012	1125	2	GA
9V1YS *	14016	1125	2	GA
BV2BV *	14005	1200	1	FL
EA6ZY *	14010	1504	28	ID
FR5DD	14012	0015	2	NY
HS0ZAP	14018	1541	1	CA
J28FO	14009	0330	5	OR
JT1AA	14013	0048	1	WV
JT1BS	14008	0120	30	CA
JT1CS	14020	0131	7	FL
JW/UW1ZC	14002	0332	26	CA
OX3FV	14030	1211	28	IL
OX3FV	14003	2346	5	FL
OY1CT	14015	0245	7	FL
TF3DX	14017	0020	29	MI
UH8YM	14033	0350	6	OR
UI8AA	14035	0339	30	CA
UJ8RA	14019	0316	28	ID
UM0MO	14012	1140	1	FL
UM8DX	14043	0323	4	UT
UM8QDX	14012	1343	30	TX
V85AA	14012	1500	28	IL
VP8CIY	14004	0247	7	FL
VQ9JT	14029	1321	28	MN

VQ9RS	14029	2242	6	FL
VS6AI	14026	0017	30	MN
VU2MIR *	14027	1339	28	IL
VU2TE	14029	0145	7	FL
YA/	14038	0004	1	MN
OK1IAI				
ZA1TAC	14021	1313	5	PA
ZA1TAG	14005	1522	26	OR

20 Meter SSB

3W3RR	14191	1359	1	NY
4S7AVR *	14180	0200	2	CA
9K2TC	14188	0510	2	IA
EL2AD	14246	2237	28	IL
FT4WC	14256	2125	29	MA
HC8PW	14227	1426	27	IL
HS0ZAP	14201	1401	1	MD
HZ1AB	14220	0800	30	IL
HZ1AB	14175	1550	27	CA
KC4/	14213	0738	6	CA
KB1TX				
KC4AAA	14177	0110	29	VA
UI8ZAC	14175	0352	29	CA
UL7JGJ	14206	0233	2	VA
VP8CGR	14220	2340	26	NH
VS6WV	14173	1226	2	PA
VU2BEJ	14201	1325	27	IL
VU2NR	14186	0138	30	VA

17 Meter CW

3B8FG	18090	1710	1	SC
3B9FR	18074	1832	2	CT
9J2HN	18075	2336	29	OH
JD1AMA	18079	0052	2	CA
VQ9QM	18077	1716	30	VA

17 Meter SSB

5V7JG	18140	2355	29	NH
7Q7MC	18111	2032	2	CT
A45ZZ	18132	1330	29	MA
HF0POL	18133	0038	30	NH
VR6BX	18135	0259	4	CT

15 Meter CW

3X0HNU	21015	1555	28	IA
BY4RB	21018	0100	2	GA
C30CAG	21005	1741	1	MN
FR5GG	21019	1913	29	MN
JT1BS	21011	0119	28	AL
OX3FV	21004	1250	2	IA
PZ1DT	21004	0150	30	FL
UH8EAP	21026	1220	7	FL
V85AA	21005	0135	29	AL
VQ9QW	21062	1658	28	MN
YA/	21039	1230	7	FL
OK1IAI				
YI1BGD	21010	1300	1	NY
ZD8OK	21022	1920	1	GA

15 Meter SSB

3A2LU	21302	1405	29	IA
EA9PD	21294	1816	30	MA
HH2FX	21300	2329	27	NH
HV3SJ	21290	1909	30	MA
TJ1FN	21292	2110	26	IA
VR6BX	21305	2335	26	NC
VU2XX	21296	1302	27	NJ
YI1AFC	21260	1354	29	MN
ZD7VC	21267	2122	27	NH

ZD8SA	21210	1935	1	GA
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12 Meters

3C1EA	24905	1555	29	SC
4U1UN	24920	1737	1	MN
7P8RQ	24895	1309	30	VA
9J2HN	24897	1458	2	FL
9K2GS	24960	1245	28	MA
A92BE	24950	1315	28	MA
FR5FI	24906	1518	7	FL
HC5AI	24900	1324	29	SC
HH2PK	24950	1554	1	MA
JD1AMA	24900	2335	1	SC
OX3FV	24892	1457	25	WV
OY7ML	24902	1504	26	OH
PZ1EL	24960	1658	30	VA
SU1HV	24898	1508	2	FL
TT7C	24901	1458	7	FL
VQ9QM	24905	1456	30	OH
VR6BX	24952	1431	29	MA
ZA1TAE	24890	1310	2	NY
ZD8LI	24896	1853	1	CA

10 Meter CW

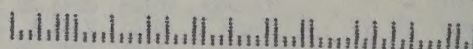
3B8FQ	28009	1900	1	GA
3X0HNU	28016	0205	29	IA
4U1UN	28023	1650	1	CA
7P8ER	28010	1822	1	SC
7P8SR	28029	1723	1	KS
7Z1AB	28007	1330	1	IA
9J2HN	28034	1455	28	IA
A22SG	28030	1835	27	OR
CE0FFD	28010	1530	7	FL
EA9PB	28007	1750	28	CA
ESTGN	28019	1540	1	FL
JD1AMA	28014	2249	1	WV
UD850CF	28029	1249	7	FL
UJ8JI	28016	1325	3	FL
VU2LN	28021	1258	7	FL
Z21HS	28026	1327	30	VA

10 Meter SSB

3B9FR	28480	1347	1	NY
3X1AU	28530	1322	1	IA
4J4JJ	28552	1300	26	NJ
5N0ETP	28480	1455	28	WV
5Z4EO	28494	1423	2	CT
9J2BO	28480	1434	30	WV
9J2FR	28465	1310	30	FL
9K2TC	28553	1300	1	NJ
BV2WA	28493	2328	1	MN
C31LHK	28420	1607	1	FL
EA9IB	28466	1718	1	CA
EA9LZ	28425	1051	1	FL
FR5EL	28480	1445	29	WV
JY5FA	28480	1456	28	WV
KG4CB	28495	1700	27	CA
OD5ET	28548	1330	1	IA
OD5QX	28512	1400	30	NJ
P29SR	28548	2213	29	MD
SV5TS	28534	1355	1	NY
TA5C	28471	1305	2	NY
TT8SA	28571	1305	1	NJ
TZ6VV	28480	1609	27	CA
V73CT	28495	1923	28	IL
VP8CGR	28480	2151	1	CA
VR6BX	28482	2115	28	CA
VU2DNL	28520	1440	2	CT
XQ0X	28506	1704	29	CA
ZC4ST	28496	1405	2	CT

92/10

POSTMASTER: Send address changes to above address.



Issue 617 - December 13, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Afghanistan	YA	YAØRR	Late Dec.	I616
		YA2CW	Now-Jan.	I610
Angola	D2	D2ACA	postponed	I614
Antigua	V2/	JH1ROJ	Dec. 23-28	I617
Bahamas	C6A/	KM1E	Now-Jan. 15	I614
Bangladesh	S2	S21A/B	Late Dec.	I616
British Virgins	VP2V/	W5ZPA, KB5GL	Jan. 16-20	I615
Cayman Islands	ZF	ZF2NF	Dec. 26-Jan. 2	I615
Gabon	TR	TR8CR	to Jan. 17	I616
Grenada	J3	J37ZF/G	Dec. 9-16	I616
Hong Kong	VS6/	GU4XGG	Oct. 18-Dec.	I608
Jan Mayen	JX	JX9EHA, JX3EX	Now-Dec.	I611
Kampuchea	XU	XU8DX	Dec. 12-19	I616
Kure Island	KH7/	KH6JEB	to Dec. 13	I616
Laos	XW	XW8KPL	Dec. 19-26	I616
Lesotho	7P	7P8EN	Late Dec.	I615
Macquarie Island	VKØ	VKØWD	Dec. 30-Jan. 3	I616
Navassa Island	KP1/	NØTG	Jan 17-23	I616
Penguin Islands	ZS	ZSØZ	Dec. 16-23	I615
Providencia	HKØ/	DF4UW	Jan. 6-18	I617
Saint Martin	FS	FJ5BL	to Jan. 13	I617
San Felix	CEØX	XQØX	Now active	I602
Thailand	HS	HSØZAP	Now by Colvins	I614
Togo	5V	5V7JG	Now-Dec.	I596
Turks & Caicos	VP5	?	Dec. 9-20	I616

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, DXNS, OK-DXPress, V73CT, AA4MM, AB4PW, AB8K, AC5K, DXNL, JH1ROJ, KØCVD, KØKLG, KØPP, K1HDO, K1VWL, K2AJY, K2OLG, K3ZPG, K4GLU, K4II, K4IQJ, K4LNA, K6IR, K6LEB, K6ZH, K7EX, K7UOT, K8OQL, KA7T, KA9MRU, KD7SO, KG4O, KG6I, K16YB, K17Y, KK6H, KM9J, KN4FY, KT7H, LNDX, N2EJQ, N2KK, N4YKD, SMØAGD, UT4UZ, VE1RJ, W1AM, W1AW, W1BFT, W1FV, W1NH, W3XU, W4VQ, W4ZYT, W5FIX, W6JOX, W6UQF, W7AWA, W8CT, W8MEP, W9DH, WA1NPZ, WA2MZX, WA6TJM, WA9AQE, WB6JMG, WB8YJF, WB8ZRL, WD9GGY, WO6R, WS7W, and YT2ZA. Many Thanks!

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Afghanistan	YA/OK1IAI	14034±	00-0300Z
■ Albania	ZA1TAG	21023	1900Z
■ Ascension Island	ZD8OK	21023	1900Z
■ Ascension Island	ZD8OK	7004	0600Z
■ Bahrain	A92BE	75M	0100Z
■ Cape Verde Islands	D44BC	21280	1730Z
■ Chagos	VQ9QM	24903±	1500Z
■ China	BY4RB	21018	0100Z
■ Crete	SVØDV/9	10105	01-0400Z
■ Dominican Republic	HI8A	3504	2300Z
■ Easter Island	CEØFFD	10M CW	15-19Z Sat.
■ Georgia	4J4JJ	28552	1300Z
■ Greenland	OX3FV	24895±	1500Z
■ Hong Kong	VS6WV	14175	1230Z
■ India	VU2NI	14014	0130Z
■ Kuwait	9K2TC	28550-90	1300Z
■ Kuwait	9K2MU	14030±	0045Z
■ Mauritius Island	3B8FG	14015±	0300Z
■ Mauritius Island	3B8FG	18091	1700Z
■ Mongolia	JT1BS	14011±	0120Z
■ Mongolia	JT1CS	20M CW	01-0230Z
■ Pitcairn Island	VR6BX	24945±	1430Z
■ Pitcairn Island	VR6BX	28480±	2100Z
■ Reunion Island	FR5FI	24900±	1430Z
■ Reunion Island	FR5DD	14017±	0015Z
■ Rodriguez Island	3B9FR	18087±	1830Z
■ South Shetlands	4K1ADQ	7005	0430Z
■ South Shetlands	4K1ADQ	14015	0130Z
■ South Shetlands	HFØPOL	18133	0030Z
■ Sri Lanka	4S7WP	20M CW	0100Z
■ Suriname	PZ1DV	10103	2330Z
■ Svalbard	JW/UW1ZC	10106	0100Z
■ Svalbard	JW/UW1ZC	14005±	0030Z
■ Swaziland	3DAØBK	10102	0330Z
■ Tadzhikistan	UJ8JI	7004	1130Z
■ Turkey	TA3F	28496	15-1600Z
■ Turkmenistan	UH8YM	14030±	0300Z
■ United Nations	4U1UN	10105	1300Z